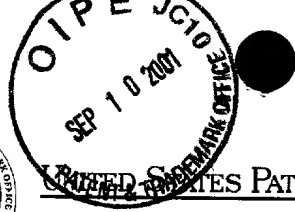


#4



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/884,767	06/19/2001	Arthur Charles Ley	DYX-012.1 US

CONFIRMATION NO. 2306

FORMALITIES LETTER



\*OC000000006357658\*

Leon R. Yankwich, Esq.  
YANKWICH & ASSOCIATES  
130 Bishop Allen Drive  
Cambridge, MA 02139

Date Mailed: 07/30/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 65.
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

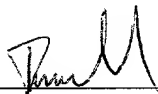
- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

09/11/2001 MGBREM1 00000029 09884767

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09884767 "091001

*A copy of this notice MUST be returned with the reply.*

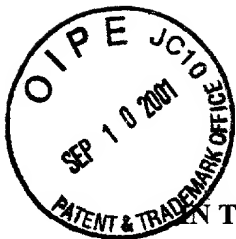


Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

098467-09101  
100750-4924880



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ley et al.

Serial No.: 09/884,767

Art Unit: 1645

Filed: June 19, 2001

Examiner: (not yet known)

Entitled: NOVEL ENTEROKINASE  
CLEAVAGE  
SEQUENCES

Attorney Docket No.: DYX-012.1 US

Assistant Commissioner for Patents

**BOX MISSING PARTS**

Washington, DC 20231

**RESPONSE TO NOTICE TO FILE MISSING  
PARTS OF NONPROVISIONAL APPLICATION**

Sir:

Applicants are in receipt of a Notice to Filing Missing Parts, dated July 30, 2001, in the above-identified application. The Notice instructs Applicants to provide an executed declaration, the surcharge (\$65.00) under 37 C.F.R. § 1.16(e), a corrected Sequence Listing in compliance with the latest formatting rules of the Patent Office, and a corresponding substitute computer readable form for the Sequence Listing.

Because this response is filed within two months of the mailing date of the Notice, no additional fees are believed to be required. However, to avoid abandonment, the Commissioner is hereby authorized to charge any fee that is determined to be due to Deposit Account No. 50-0268.

Please amend the application as indicated below.

**IN THE SEQUENCE LISTING AND COMPUTER READABLE FORM**

Please delete the original Sequence Listing and substitute therefor the attached amended Sequence Listing contained on Substitute Sequence Listing Sheets 1-63.

Please replace the original computer readable form with the enclosed substitute computer readable form.

**REMARKS****Executed Declaration/Power of Attorney**

As requested in the Notice To File Missing Parts, Applicants submit herewith a combined declaration/power of attorney, executed by inventors Ley, Luneau and Ladner. Entry of the executed combined Declaration/Power of Attorney is respectfully requested.

**Amended Sequence Listing and Substitute Computer Readable Form**

Applicants submit herewith an amended Sequence Listing in the form of Substitute Sequence Listing Sheets 1-63 (containing all SEQ ID NOS:1-217) to replace the Sequence Listing originally filed with the application, which was objected to in the Notice to File Missing Parts for certain listed informalities. The specific sequences of SEQ ID NOS:1-217 in Substitute Sequence Listing are identical to those in the originally filed Sequence Listing. However, format errors pointed out by the OIPE/STIC have been corrected: i.e., the correction of all invalid responses at fields <213> and <220> through <223>, and the correction of the current application number.

Entry of the substitute Sequence Listing and the accompanying CRF is respectfully requested.

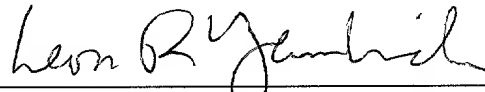
**Statements under 37 C.F.R. § 1.825(a) and (b)**

The substitute Sequence Listing is provided on Substitute Sequence Listing Sheets 1-63 in accordance with 37 C.F.R. § 1.825(a). The undersigned attorney hereby states that the amendments cure obvious clerical errors, as indicated above, and that the sequence information provided on Substitute Sequence Listing Sheets 1-63 adds no new matter.

Furthermore, in accordance with 37 C.F.R. § 1.825(b), the undersigned attorney hereby states that the substitute computer readable form, submitted herewith, contains the same information as the amended Sequence Listing contained on substitute Sequence Listing sheets 1-63.

Applicants respectfully request entry of the executed combined Declaration/Power of Attorney, Substitute Sequence Listing Sheets 1-63, and the substitute computer readable form to complete the formal requirements for this application.

Respectfully submitted,



Leon R. Yankwich (Reg. No. 30,237)

David G. O'Brien, Reg. No. 46,125

Attorneys for Applicants

YANKWICH & ASSOCIATES

130 Bishop Allen Drive

Cambridge, Massachusetts 02139

Tel.: (617) 491-4343

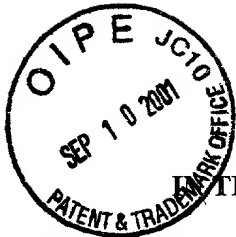
Fax: (617) 491-8801

**CERTIFICATE OF MAILING PURSUANT TO 37 C.F.R. § 1.8**

The undersigned hereby certifies that this correspondence is being deposited with the U.S. Postal Service as First Class Mail, postage prepaid, in an envelope addressed to the Asst. Commissioner for Patents, Box MISSING PARTS, Washington, DC 20231, on the date indicated below.

September 7, 2001  
date of mailing and signature

Stephanie L. Leicht  
Stephanie L. Leicht



THE UNITED STATES PATENT AND TRADEMARK OFFICE

N Sator B  
Box Sequence

In re Application of: Ley et al.  
Serial No.: 09/884,767  
Filed: June 19, 2001  
Entitled: NOVEL ENTEROKINASE  
CLEAVAGE SEQUENCES

Art Unit: 1645

Examiner: (not yet known)

Attorney Docket No.: DYX-012.1 US

Assistant Commissioner for Patents

**BOX MISSING PARTS**

Washington, DC 20231

TRANSMITTAL LETTER

Sir:

Transmitted herewith are: [X] a copy of the Notice to File Missing Parts; [X] a Response to the Notice to File Missing Parts; [X] a check in the amount of \$65.00 in payment of the fee under 37 C.F.R. § 1.16(e); [X] an executed combined Declaration/Power of Attorney; [X] Substitute Sequence Listing Sheets 1-63; [X] a substitute computer readable form; and [X] a return-receipt postcard.

FEE FOR ADDITIONAL CLAIMS

[X] A fee for additional claims is not required.

[ ] A fee for additional claims is required. The additional fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	NUMBER OF EXCESS CLAIMS	RATE	FEES DUE
TOTAL CLAIMS	--	--	0	× \$9	= 0.00
INDEPENDENT	--	--	0	× \$40	= 0.00
FIRST INTRODUCTION OF MULTIPLE DEPENDENT CLAIM				+\$135	= 0.00
<b>TOTAL FEES DUE</b>					<b>= 0.00</b>

[X] Small entity status has been established previously for Applicant(s) in this case.

PETITION FOR EXTENSION OF TIME

☐ Extension is requested under 37 CFR 1.136(a), and the following extension fee is applicable for the paper(s) filed herewith:

- ☐ \$110.00 for response within first month pursuant to 37 CFR 1.17(a)(1);
- ☐ \$390.00 for response within second month pursuant to 37 CFR 1.17(a)(2);
- ☐ \$890.00 for response within third month pursuant to 37 CFR 1.17(a)(3);
- ☐ \$1,390.00 for response within fourth month pursuant to 37 CFR 1.17(a)(4);
- ☐ \$1,890.00 for response within fifth month pursuant to 37 CFR 1.17(a)(5).

☐ A check in the amount of ☐ \$110.00 ☐ \$390.00 ☐ \$890.00 ☐ \$1,390.00 ☐ \$1,890.00 in payment of the extension fee is transmitted herewith. {check no. }

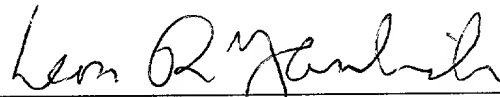
☐ Please charge the requisite fee of ☐ \$110.00 ☐ \$390.00 ☐ \$890.00 ☐ \$1,390.00 ☐ \$1,890.00 in payment of the additional extension fee to Deposit Account No. 50-0268.

OTHER FEES

☒ A check in the amount of \$65.00 in payment of the oath or declaration surcharge fee under 37 C.F.R. § 1.16(e) is transmitted herewith. {**check no. 2204op**}

☒ The Commissioner is hereby authorized to charge payment of any additional fees required in connection with the paper(s) and enclosures transmitted herewith, or to credit any overpayment of same, to Deposit Account No. 50-0268. A duplicate of this transmittal letter is enclosed.

Respectfully submitted,



Leon R. Yankwich, Reg. No. 30,237  
David G. O'Brien, Reg. No. 46,125  
Attorneys for Applicant(s)  
YANKWICH & ASSOCIATES  
130 Bishop Allen Drive  
Cambridge, MA 02139  
tel.: (617) 491-4343  
fax: (617) 491-8801

CERTIFICATE OF MAILING PURSUANT TO 37 C.F.R. § 1.8

The undersigned hereby certifies that this correspondence and accompanying enclosures are being deposited with the U.S. Postal Service as First Class Mail, postage prepaid, in an envelope addressed to the Asst. Commissioner for Patents, Box MISSING PARTS, Washington, DC 20231, on the date indicated below.

September 7, 2001  
date of mailing and signature

Stephanie L. Leicht  
Stephanie L. Leicht